Title (en)

GOLF CLUB HEAD WITH TEXTURED STRIKEFACE AND METHODS OF MANUFACTURING THE SAME

Title (de)

GOLFSCHLÄGERKOPF MIT TEXTURIERTER FORM UND VERFAHREN ZUM HERSTELLEN DESSELBEN

Title (fr)

TÊTE DE CLUB DE GOLF À FACE DE FRAPPE TEXTURÉE ET PROCÉDÉS DE FABRICATION DE CELLE-CI

Publication

EP 4072692 A1 20221019 (EN)

Application

EP 20899418 A 20201214

Priority

- US 201962948083 P 20191213
- US 202062976987 P 20200214
- US 202063198112 P 20200929
- US 2020064938 W 20201214

Abstract (en)

[origin: US2021178233A1] Embodiments of a golf club head with a textured strikeface and methods to form said club head through laser shock treatment are generally described herein. The golf club head can comprise a body and a strikeface. The strikeface has a textured front surface, with an array of indentions. Each indention can have a footprint area of between 0.01 μm2 (1×10−8 mm2) to 250,000 μm2 (0.25 mm2). The textured front surface can affect the spin imparted to a golf ball upon impact. Other embodiments may be described and claimed.

IPC 8 full level

A63B 53/04 (2015.01); **A63B 53/00** (2015.01); **A63B 53/08** (2015.01)

CPC (source: EP KR US)

A63B 53/0408 (2020.08 - EP KR); **A63B 53/0445** (2020.08 - EP KR US); **A63B 53/047** (2013.01 - EP KR US); **B23K 26/356** (2015.10 - KR US); **B23K 26/362** (2013.01 - KR); A63B 53/0466 (2013.01 - US); A63B 2053/0479 (2013.01 - EP KR US); B23K 26/356 (2015.10 - EP); B23K 26/362 (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11478682 B2 20221025; **US 2021178233 A1 20210617**; EP 4072692 A1 20221019; EP 4072692 A4 20231220; JP 2023506346 A 20230216; KR 20220110202 A 20220805; US 2023023334 A1 20230126; WO 2021119621 A1 20210617

DOCDB simple family (application)

US 202017121581 A 20201214; EP 20899418 A 20201214; JP 2022515056 A 20201214; KR 20227018584 A 20201214; US 2020064938 W 20201214; US 202217932830 A 20220916